



March 14, 1994
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Mr. Frank Battaglia
USEPA Region I
Waste Management Building
90 Canal Street
Boston, MA 02114

Dear Mr. Bataglia:

As we discussed in our March 9, 1994 meeting, and in our Draft Contamination Assessment and Phase II Round 2 Sampling Plan dated March 1994, Ciba-Geigy is requesting a modification to the scope of work for the Phase II Round 2 soil investigation presented in the Phase II proposal. The reason for requesting this modification is that most of the objectives of the soil investigation have been met with the data collected to date. In brief, this modification would limit additional soil sampling to those areas where contamination has not been fully delineated.

The Draft Contamination Assessment contains a detailed analysis of the existing data and defines where data gaps still exist. The conclusions and recommendations in this report are summarized below.

Production Area

Based on the results of the Phase I and Phase II Round 1 sampling activities, PCBs are the only analytes of concern in Production Area soils. The PCB distribution in surface soils in the Production Area has been adequately defined. Subsurface PCB data is largely limited to the northern end of the Production Area. Therefore, additional subsurface sampling is proposed. The proposed sampling locations are situated approximately on the representative block centers of a 100 foot grid across the entire Production Area (Figure 4-1). Some grid centers were not included because either sufficient data is available in the area, or surface data indicates that further subsurface delineation is not warranted. A total of nine locations will be sampled. One sample will be collected from each location at depths of 2 to 4 ft below ground surface. Samples will be analyzed for PCBs.



Warwick Area

Based on frequency of exceedance of criteria, organochlorine pesticides and PCBs in SWMU-5 soils are the only analytes of concern in the Warwick Area soils. PCBs need to be delineated in surface soils. Pesticides need to be delineated in surface and subsurface soils. Additional delineation is needed to the northeast and southwest of this SWMU. Two locations will be sampled (Figure 4-2). Samples will be collected at depths of 0-2 and 4-6 ft below ground surface at each location. The 0-2 ft samples will be analyzed for PCBs and organochlorine pesticides. The 4-6 ft samples will be analyzed for organochlorine pesticides only.

Wastewater Treatment Area

Based on the frequency of detection and number of exceedances, gamma-chlordane appears to be an analyte of concern in SWMU-12 soils in the Wastewater Treatment Area. Gamma-chlordane was never manufactured at this facility by Ciba-Geigy. This property was owned and operated by a nursery prior to its purchase by Ciba-Geigy in 1966. Gamma-chlordane is a pesticide frequently used in nursery operations. Therefore, it is likely that the gamma-chlordane found in this area resulted from site activities by previous owners and cannot be delineated as if it had resulted from a single release. No further sampling is proposed for this area.

Background and Off-Site Areas

A total of over 45 background and off-site samples have been analyzed for Appendix IX parameters. Results from these analyses show no significant variation in concentrations and types of analytes detected. Analytes detected do not exceed MPSs or NJ criteria (except for lead which does not appear to be site-related). In addition, there appears to be no impact from past Ciba-Geigy operations on background and off-site soils. Therefore, no additional off-site or background sampling is proposed.



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Schedule

We are planning to begin Round 2 soil sampling in late March, as soon as field conditions will allow. Your approval of this modification therefore, is needed by March 21, 1994.

Should you have any questions or comments, please feel free to contact us.

Sincerely,

Mark Houlday

Mark Houlday
Project Manager

Marion Craig/144

Marion Craig
Project Scientist

cc: Diane Leber, Ciba-Geigy



CIBA-GEIGY
ALL BACKGROUND AND OFFSITE SAMPLES
SUMMARY INFORMATION
REDUCED TABLE

SITE LOCATOR	IB-1 BP SF-BG-BP	IB-1 ND SF-BG-ND	IB-1 PH SF-BG-PH	IB-1 WS SF-BG-WS	IB-2 AJHS SF-O-S-AJHS*IB-2	IB-2 BP SF-BG-BP*IB-2	IB-2 BRF SF-O-S-BRF*IB-2	IB-2 BS SEOS-BS*IB-2	IB-2 CGH SF-O-S-CGH*IB-2	IB-2 CRS SF-O-S-CRS*IB-2	IB-2 EHS SF-O-S-EHS*IB-2	IB-2 FF SF-O-S-FF*IB-2	IB-2 HMEH SF-O-S-HMEH*IB-2	IB-2 NAS SF-O-S-NAS*IB-2	IB-2 ND SF-BG-ND*IB-2	IB-2 PAEH SF-O-S-PAEH*IB-2
SAMPLE NUMBER	12/3/90	12/3/90	12/3/90	12/3/90	3/20/91	3/20/91	3/20/91	3/20/91	3/20/91	3/20/91	3/20/91	3/20/91	3/20/91	3/20/91	3/21/91	3/20/91
COLLECT DATE	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q				
VOCATILE ORGANICS																
824DS 1,4-DIOXANE	6 U	6 U	5.5 U	5.5 U	6 U	6.5 U	6 U	5.5 U	7 J	6 U	6 U	6 U	6 U	6 U	6.5 U	5.5 U
824OS 2-BUTANONE	0.115 U	0.12 U	0.105 U	0.115 U	0.12 U	0.13 U	0.19 J	0.25 J	0.21 J	0.125 U	0.24 J	0.13 J	0.2 J	0.1 J	0.17 J	0.11 U
824OS ACETONE	0.115 U	0.12 U	0.105 U	0.115 U	0.12 U	0.13 U	0.12 U	0.11 U	0.125 U	0.125 U	0.12 U	0.12 U	0.115 U	0.115 U	0.125 U	0.11 U
824OS AROLEIN	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R				
824OS BENZENE	0.06 U	0.06 U	0.055 U	0.06 U	0.06 U	0.043 J	0.06 U	0.055 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.065 U
824OS CHLOROFORM	0.06 U	0.06 U	0.055 U	0.06 U	0.06 U	0.065 U	0.06 U	0.055 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.032 J	0.055 U
824OS ISOBUTANOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
824OS M&P-XYLENE	0.06 U	0.06 U	0.055 U	0.06 U	0.06 U	0.065 U	0.06 U	0.055 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.065 U	0.055 U
824OS METHYLENE CHLORIDE	0.12	0.064 J	0.058 J	0.078 J	1.35	2.35 U	0.55 U	0.285 U	0.5 U	0.06 U	0.85 U	0.115 U	1.55 U	0.315 U	0.19 U	0.115 U
824OS PENTACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
824OS TETRACHLOROETHENE	0.06 U	0.06 U	0.055 U	0.06 U	0.06 U	0.065 U	0.06 U	0.055 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.065 U	0.055 U
824OS TOLUENE	0.06 U	0.06 U	0.055 U	0.06 U	0.49 J	1.2 J	0.14 J	0.04 J	0.14 J	0.023 J	0.23 J	0.048 J	0.45 J	0.11 J	0.04 J	0.029 J
SEMI-VOCATILE ORGANICS																
8270S 1,2,4,5-TETRACHLOROBENZENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 1,2,4-TRICHLOROBENZENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 1,2-DICHLOROBENZENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 1,3-DICHLOROBENZENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 1,3-DINITROBENZENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 1,4-DICHLOROBENZENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 1,4-NAPHTHOQUINONE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 1-NAPHTHYLAMINE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,2'-OXYBIS(1-CHLOROPROPANE)	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,3,4,6-TETRACHLOROPHENOL	1.15 U	1.2 U	1 U	1 U	0.405 U	RV R	0.39 U	0.365 U	0.415 U	0.415 U	0.405 U	0.395 U	0.385 U	0.385 U	0.42 U	0.365 U
8270S 2,4,5-TRICHLOROPHENOL	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,4,6-TRICHLOROPHENOL	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,4-DICHLOROPHENOL	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,4-DIMETHYLPHENOL	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,4-DINITROPHENOL	2.8 U	3 U	2.55 U	2.45 U	1 U	RV R	0.95 U	0.9 U	1.05 U	1.05 U	1 U	1 U	0.95 U	0.95 U	1.05 U	0.9 U
8270S 2,4-DINITROTOLUENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,6-DICHLOROPHENOL	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,6-DINITROTOLUENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2,ACETYLMINOFLUORENE	2.8 U	3 U	2.55 U	2.45 U	1 U	RV R	0.95 U	0.9 U	1.05 U	1.05 U	1 U	1 U	0.95 U	0.95 U	1.05 U	0.9 U
8270S 2-CHLORONAPHTHALENE	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2-CHLOROPHENOL	0.55 U	0.6 U	0.5 U	0.49 U	0.205 U	RV R	0.195 U	0.18 U	0.21 U	0.205 U	0.2 U	0.2 U	0.19 U	0.19 U	0.21 U	0.18 U
8270S 2-METHYLNAPHTHALENE	0.57 J	0.6 U	0.5 U	0.49 U	0.205 U	4.5 J	0.0									

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ALL BACKGROUND AND OFFSITE SAMPLES
SUMMARY INFORMATION
REDUCED TABLE

8270S	7,12-DIMETHYLBENZ(A)ANTHACENE	2.8	U	3	U	2.55	U	2.45	U	1	U	RV	R	0.95	U	0.9	U	1.05	U	1.05	U	1	U	1	U	0.95	U	0.95	U	1.05	U	0.9	U
8270S	ACENAPHTHENE	0.82	J	0.063	J	0.5	U	0.49	U	0.205	U	5.4	J	0.032	J	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.26	J	0.051	J	0.18	U
8270S	ACENAPHTHYLENE	0.28	J	0.6	U	0.5	U	0.49	U	0.205	U	0.61	J	0.195	U	0.18	U	0.017	J	0.205	U	0.2	U	0.2	U	0.04	J	0.025	J	0.21	U	0.18	U
8270S	ACETOPHENONE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	ANILINE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	ANTHRACENE	4.2		0.18	J	0.041	J	0.49	U	0.205	U	20	J	0.073	J	0.18	U	0.047	J	0.205	U	0.2	U	0.2	U	0.036	J	0.62		0.15	J	0.18	U
8270S	ARAMITE	5.5	U	6	U	5	U	4.9	U	2.05	U	RV	R	1.95	U	1.8	U	2.1	U	2.05	U	2	U	2	U	1.9	U	1.9	U	2.1	U	1.8	U
8270S	BENZO(A)ANTHRACENE	6.6		0.82	J	0.32	J	0.49	U	0.061	J	28	J	0.44	U	0.18	U	0.31	J	0.205	U	0.072	J	0.25	J	0.48		1.4		0.67		0.032	J
8270S	BENZO(A)PYRENE	5		0.64	J	0.37	J	0.49	U	0.082	J	22	J	0.48	U	0.18	U	0.35	J	0.205	U	0.06	J	0.27	J	0.56		1.4		0.61		0.035	J
8270S	BENZO(B)FLUORANTHENE	8.2		1.4		0.6	J	0.49	U	0.12	J	36	J	0.68	U	0.18	U	0.48		0.205	U	0.086	J	0.43		1		2.1		0.91		0.058	J
8270S	BENZO(G,H,I)PERYLENE	3.7		0.52	J	0.49	U	0.072	J	12	J	0.4		0.18	U	0.3	J	0.205	U	0.051	J	0.2	U	0.58		1		0.4	J	0.035	J		
8270S	BENZO(K)FLUORANTHENE	8.6		1.4		0.63	J	0.49	U	0.16	J	43	J	0.87	U	0.18	U	0.62		0.205	U	0.11	J	0.52		1.3		2.7		1.1		0.074	J
8270S	BENZYL ALCOHOL	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	BIS(2-CHLOROETHYL)ETHER	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.55	U	0.65	U	0.5	U	1.15	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.065	U
8270S	BUTAZOLIDIN	2.8	U	3	U	2.55	U	2.45	U	1	U	RV	R	0.95	U	0.9	U	1.05	U	1.05	U	1	U	1	U	0.95	U	0.95	U	1.05	U	0.9	U
8270S	BUTYLBENZYLPHthalate	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	CHLOROBENZILATE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	CHRYSENE	6.3		1.1	J	0.43	J	0.49	U	0.1	J	30	J	0.61	U	0.18	U	0.4	J	0.17	J	0.081	J	0.38	J	0.72		1.6		0.97		0.043	J
8270S	DCDD	1.15	U	1.2	U	1	U	1	U	0.405	U	RV	R	0.39	U	0.365	U	0.415	U	0.415	U	0.405	U	0.395	U	0.385	U	0.385	U	0.42	U	0.365	U
8270S	DCDF	1.15	U	1.2	U	1	U	1	U	0.405	U	RV	R	0.39	U	0.365	U	0.415	U	0.415	U	0.405	U	0.395	U	0.385	U	0.385	U	0.42	U	0.365	U
8270S	DIN-BUTYLPHthalate	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	DIN-OCTYLPHthalate	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	DIALLATE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	DIBENZ(A,H)ANTHRACENE	1	J	0.6	U	0.5	U	0.49	U	0.205	U	3.7	J	0.059	J	0.18	U	0.093	J	0.205	U	0.2	U	0.2	U	0.18	J	0.24	J	0.21	U	0.18	U
8270S	DIBENZOFURAN	1.5		0.061	J	0.5	U	0.49	U	0.205	U	9.7	J	0.03	J	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.014	J	0.26	J	0.043	J	0.18	U
8270S	DIETHYLPHthalate	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U
8270S	DIM																																

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ALL BACKGROUND AND OFFSITE SAMPLES
SUMMARY INFORMATION
REDUCED TABLE

8270S	PENTACHLOROPHENOL	2.8	U	3	U	2.55	U	2.45	U	1	U	RV	R	0.95	U	0.9	U	1.05	U	1.05	U	1	U	0.95	U	0.95	U	1.05	U	0.9	U				
8270S	PHENACETIN	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U				
8270S	PHENANTHRENE	12		1.7		0.42	J	0.052	J	0.075	J	69	J	0.74		0.11	J	0.37	J	0.13	J	0.06	J	0.26	J	0.35	J	2.9		1.3	J				
8270S	PHENOL	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U				
8270S	PRONAMIDE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U				
8270S	PROPAZINE	2.8	U	3	U	2.55	U	2.45	U	1	U	RV	R	0.95	U	0.9	U	1.05	U	1.05	U	1	U	0.95	U	0.95	U	1.05	U	0.9	U				
8270S	PYRENE	12		1.9		0.61	J	0.1	J	0.15	J	56	J	1		0.21	J	0.75		0.27	J	0.13	J	0.55		0.87		3.1		1.5	J				
8270S	PYRIDINE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U				
8270S	SAFROLE	0.55	U	0.6	U	0.5	U	0.49	U	0.205	U	RV	R	0.195	U	0.18	U	0.21	U	0.205	U	0.2	U	0.19	U	0.19	U	0.21	U	0.18	U				
8270S	TINUVIN 327	2.8	U	3	U	2.55	U	2.45	U	1	U	RV	R	0.95	U	0.9	U	1.05	U	1.05	U	1	U	0.95	U	0.95	U	1.05	U	0.9	U				
8270S	TOFRANIL	2.8	U	3	U	2.55	U	2.45	U	1	U	RV	R	0.95	U	0.9	U	1.05	U	1.05	U	1	U	0.95	U	0.95	U	1.05	U	0.9	U				
8270S	TRCDD	1.15	U	1.2	U	1	U	1	U	0.405	U	RV	R	0.39	U	0.365	U	0.415	U	0.415	U	0.405	U	0.395	U	0.385	U	0.42	U	0.365	U				
8270S	TRCDF	1.15	U	1.2	U	1	U	1	U	0.405	U	RV	R	0.39	U	0.365	U	0.415	U	0.415	U	0.405	U	0.395	U	0.385	U	0.42	U	0.365	U				
8080S	4,4'-DDD	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.0015		0.00105	U	0.000195	U	0.00018	U	0.000205	U	0.000195	U	0.000205	U	0.0002	U	0.00095	U	0.000195	U	0.00078	U	0.00018	U		
ORGANOCHLORINE PESTICIDES/PCBS																																			
8080S	4,4'-DDE	0.00055	U	0.0006	U	0.0011		0.025	J	0.013		0.38		0.0083		0.00018	U	0.000205	U	0.0075		0.042		0.21		0.6		0.000195	U	0.00021	U	0.0016			
8080S	4,4'-DDT	0.0011	U	0.0012	U	0.001	U	0.028	J	0.014		0.00215	U	0.0056		0.000365	U	0.00041	U	0.012		0.017		0.094	J	0.93		0.00039	U	0.0041		0.00036	U		
8080S	ALDRIN	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.0002	U	0.00105	U	0.000195	U	0.00018	U	0.000205	U	0.000205	U	0.0002	U	0.00095	U	0.000195	U	0.00021	U	0.00051					
8080S	ALPHA-CHLORDANE	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.0002	U	0.00105	U	0.000195	U	0.00018	U	0.000205	U	0.000205	U	0.0002	U	0.00095	U	0.000195	U	0.00021	U	0.00018	U				
8080S	BETA-BHC	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.0002	U	0.00195	U	0.000195	U	0.00018	U	0.000205	U	0.000205	U	0.0002	U	0.00095	U	0.000195	U	0.00021	U	0.00018	U				
8080S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA					
8080S	DELTA-BHC	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.0002	U	0.00105	U	0.000195	U	0.00018	U	0.000205	U	0.000205	U	0.0002	U	0.00095	U	0.000195	U	0.0041		0.00079					
8080S	DIELDRIN	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.0002	U	0.00105	U	0.00026		0.00069		0.000205	U	0.000205	U	0.0015		0.0002	U	0.0095	U	0.000195	U	0.00021	U	0.00018	U		
8080S	ENDOSULFAN 1	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.0002	U	0.00105	U	0.000195	U	0.00018	U	0.000205	U	0.000205	U	0.0002	U	0.0028	J	0.0095	U	0.000195	U	0.00021	U	0.00018	U		
8080S	ENDOSULFAN SULFATE	0.0028	U	0.0061	J	0.025	U	0.00275	U	0.001	U	0.055	U	0.001	U	0.009	U	0.001	U	0.00105	U	0.001	U	0.0485		0.0095	U	0.00105	U	0.0009	U	0.00021	U	0.00018	U
8080S	ENDRIN	0.00055	U	0.0006	U	0.000495	U	0.00055	U	0.00022	J	0.00105	U	0.000195	U	0.00018	U	0.000205	U	0.000205	U	0.0002	U	0.0095	U	0.000195	U	0.00021	U	0.00018	U				
8080S	ENDRIN ALDEHYDE	0.0011	U	0.0012	U	0.001	U	0.0011	U	0.000405	U	0.00215	U	0.00097	U	0.000365	U	0.00041	U	0.00096	U	0.000405	U	0.0039	J	0.0195	U	0.00039	U	0.00042	U	0.00018	U		
8080S	GAMMA-BHC	0.00055	U	0.0006	U	0.000495	U	0.00055	U</td																										

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6010S	CHROMIUM	11.8	7.3	7.4	13	14.9	20	12.4	4.9	11.7	12.4	6.8	13.7	9.7	9.8	8	6.9		
6010S	COBALT	5.2	1.9	2.7	5	3.3	7	3.6	2.4	3.5	4.5	2.6	2.8	2.9	2.8	2.2	4.3		
6010S	COPPER	14.3	5.6	3.8	5.7	8.2	22.9	11.9	6.7	15.4	13.1	5.9	14.6	33.5	19.2	10.1	9.2		
6010S	IRON	13800	8590	8620	14100	12900	J	28300	J	10900	J	7600	J	11500	J	16800	J	8650	
7421S	LEAD	90	J	166	J	11.8	J	24	J	38.1	471	55.6	39.6	50	41.2	33.5	278	498	
6010S	MAGNESIUM	1520	J	703	J	1390	J	1770	J	1330	2450	1270	747	1300	1970	1030	870	1210	
6010S	MANGANESE	379	J	137	J	106	J	152	J	111	J	476	J	118	J	145	J	167	
7472S	MERCURY	0.28	0.03	U	0.025	U	0.025	U	0.14	0.81	0.14	0.025	U	0.08	0.06	0.028	U	0.0265	
6010S	NICKEL	5	U	1.45	U	3.8	U	3.65	U	8.4	13.3	6.6	4.8	8.7	11.3	3.8	5.5	7	
6010S	POTASSIUM	561	J	364	J	457	J	589	J	452	J	786	J	484	J	140	U	472	
7740S	SELENIUM	0.23	U	0.225	U	0.205	U	0.225	U	0.195	U	0.67	0.21	U	0.23	U	0.275	U	
6010S	SILVER	0.43	U	0.465	U	0.385	U	0.44	U	0.5	U	0.43	U	0.55	U	0.465	U	0.465	
6010S	SODIUM	43	U	46.5	U	38.5	U	44	U	194	230	245	194	158	195	171	176	250	
7841S	THALLIUM	0.23	U	0.225	U	0.205	U	0.225	U	0.195	U	0.265	U	0.21	U	0.275	U	0.205	
6010S	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SNZZS	TIN	97.2	4.65	U	3.85	U	4.4	U	5	U	102	5.5	U	4.65	U	3.4	U	4.75	
6010S	VANADIUM	19.3	12.7	11.3	23.7	24.5	J	27.3	J	20.5	J	11.5	J	20.9	J	28.8	J	13	
6010S	ZINC	79	22.7	17.4	25.8	50.5	219	28.2	65.8	63.2	35.8	28.9	37.5	60	144	20.9	22		
9010S	CYANIDE	RV	R	RV	R	RV	R	0.23	U	3	0.225	U	0.195	U	0.245	U	0.22	U	
9030S	SULFIDE	6	U	6	U	6	U	23	U	25	U	22.5	U	19.5	U	24.5	U	610	

All results in mg/kg.

Phase II data is not final.

RV - Rejected value.

NA - Not analyzed.

Detection limits halved

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SITE LOCATOR SAMPLE NUMBER COLLECT DATE	IB-2 PH SF-BG-PH*IB-2 3/21/91	IB-2 PVJHS SF-O-SPVJHS*IB-2 3/20/91	IB-2 RWP SF-O-RWP*IB-2 3/20/91	IB-2 SNH SF-O-SNH*IB-2 3/20/91	IB-2 SP SF-OSSP*IB-2 3/20/91	IB-2 WS SF-BG-WS*IB-2 3/20/91	II-1 APC SF-O-APC*II-1 8/4/93	II-1 BGA5 B-BOA5*II-1 7/27/93	II-1 BGB7 B-BGB7*II-1 7/27/93	II-1 BGBP SF-BG-BP*II-1 8/9/93	II-1 BGC3 B-BGC3*II-1 7/21/93	II-1 BGD2 B-BGD2*II-1 7/21/93	II-1 BGDDA SF-BG-DGA*II-1 7/27/93	II-1 BGWBGC SF-BG-WBGC*II-1 7/28/93	II-1 BGWS SF-BG-WS*II-1 8/9/93	II-1 BP B-DUP6*II-1 8/9/93	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result
VOLATILE ORGANICS																	
8240S 1,4-DIOXANE	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8240S 2-BUTANONE	0.12 U	0.14 J	0.14 J	0.24 J	0.13 J	0.12 U	0.0135 U	0.0135 U	0.0145 U	0.0145 U	0.0155 U	0.013 U	0.013 U	0.0135 U	0.013 U	0.0145 U	
8240S ACETONE	0.12 U	0.11 U	0.11 U	0.11 U	0.115 U	0.105 U	0.12 U	0.0135 U	0.0135 U	0.0145 U	0.0145 U	0.013 U	0.013 U	0.0135 U	0.013 U	0.0145 U	
8240S ACRYLIC ACID	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	RV R	
8240S ACRYLONITRILE	0.06 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.06 U	0.0027 U	0.00265 U	0.003 U	0.00285 U	0.0031 U	0.00265 U	0.0027 U	0.0026 U	0.00295 U	
8240S BENZENE	0.06 U	0.055 U	0.055 U	0.055 U	0.055 U	0.06 U	0.0027 U	0.0069 U	0.003 U	0.00285 U	0.0031 U	0.00265 U	0.0027 U	0.0026 U	0.00295 U		
8240S CHLOROFORM	0.06 U	0.055 U	0.055 U	0.055 U	0.055 U	0.06 U	0.0027 U	0.0069 U	0.003 U	0.00285 U	0.0031 U	0.00265 U	0.0027 U	0.0026 U	0.00295 U		
8240S ISOBUTANOL	NA	NA	NA	NA	NA	NA	1.1 R	1.1 R	1.2 R	1.1 R	1 R	1 R	1 R	1.1 R	1 R	1.2 R	
8240S M&PXYLENE	0.06 U	0.055 U	0.055 U	0.055 U	0.055 U	0.06 U	0.0027 U	0.00265 U	0.003 U	0.00285 U	0.0031 U	0.00265 U	0.0027 U	0.0026 U	0.00295 U		
8240S METHYLENE CHLORIDE	0.55 U	0.4 U	0.08 U	0.2 U	0.225 U	0.11 U	0.027 U	0.00265 U	0.014 U	0.00285 U	0.011 U	0.00265 U	0.01 U	0.0027 U	0.0026 U	0.00295 U	
8240S PENTACHLOROETHANE	NA	NA	NA	NA	NA	NA	0.0135 U	0.0135 U	0.015 U	0.0145 U	0.0155 U	0.013 U	0.013 U	0.027 R	0.013 U	0.0145 U	
8240S TETRACHLOROETHENE	0.06 U	0.055 U	0.055 U	0.055 U	0.055 U	0.06 U	0.0027 U	0.00265 U	0.003 U	0.00285 U	0.0031 U	0.00265 U	0.011 J	0.0027 U	0.0026 U	0.00295 U	
8240S TOLUENE	0.17 J	0.12 J	0.034 J	0.048 J	0.052 J	0.027 J	0.0027 U	0.00265 U	0.003 U	0.00285 U	0.0031 U	0.00265 U	0.0027 U	0.0026 U	0.00295 U		
SEMI-VOLATILE ORGANICS																	
8270S 1,2,4,5-TETRACHLOROBENZENE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 1,2,4-TRICHLOROBENZENE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 1,2-DICHLOROBENZENE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 1,3-DICHLOROBENZENE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 1,3-DINITROBENZENE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 1,4-DICHLOROBENZENE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 1,4-NAPHTHOQUINONE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 1-NAPHTHYLAMINE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 2,2-OXYBIS(1-CHLOROPROPANE)	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 2,3,4,6-TETRACHLOROPHENOL	0.39 U	0.37 U	0.375 U	0.35 U	0.35 U	0.35 U	0.385 U	0.9 U	0.9 U	1 U	1 U	1.05 U	0.9 U	0.95 U	0.9 U	0.9 U	1 U
8270S 2,4,5-TRICHLOROPHENOL	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.9 U	0.9 U	1 U	1 U	1.05 U	0.9 U	0.95 U	0.9 U	0.9 U	1 U
8270S 2,4,6-TRICHLOROPHENOL	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 2,4-DICHLOROPHENOL	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 2,4-DIMETHYLPHENOL	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 2,4-DINITROPHENOL	1 U	0.9 U	0.95 U	0.9 U	0.95 U	0.9 U	0.95 U	1.8 R	1.8 R	1 U	1 U	2.1 R	1.8 R	0.95 U	0.9 U	0.95 U	1 U
8270S 2,4-DINITROTOLUENE	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U	0.17 U	0.195 U
8270S 2,6-DICHLOROPHENOL	0.195 U	0.185 U	0.185 U	0.185 U	0.185 U	0.185 U	0.195 U	0.18 U	0.175 U	0.2 U	0.19 U	0.205 U	0.175 U	0.17 U	0.18 U		

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8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	0.9	U	0.95	U	9.5	U	0.9	U	0.95	U	0.11	U	0.105	U	0.12	U	0.115	U	0.125	U	0.16	J	0.105	U	0.11	U	0.105	U	0.12	U				
8270S	ACENAPHTHENE	0.195	U	0.21	J	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.031	J	0.18	U	0.17	U	0.195	U				
8270S	ACENAPHTHYLENE	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.098	J	0.175	U	0.2	U	0.044	J	0.205	U	0.175	U	0.078	J	0.18	U	0.17	U	0.195	U				
8270S	ACETOPHENONE	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.17	U	0.195	U						
8270S	ANILINE	0.195	U	0.185	U	0.185	U	0.32	J	0.175	U	0.195	U	0.12	J	0.175	U	0.2	U	0.081	J	0.205	U	0.175	U	0.11	J	0.18	U	0.17	U	0.036	J				
8270S	ANTHRAcene	0.195	U	0.38	0.185	U	0.185	U	0.32	J	0.175	U	0.195	U	0.12	J	0.175	U	0.2	U	0.081	J	0.205	U	0.175	U	0.11	J	0.18	U	0.17	U	0.036	J			
8270S	ARAMITE	1.95	U	1.85	U	1.85	U	18.5	U	1.75	U	1.95	U	0.36	R	0.35	R	0.4	R	0.38	R	0.41	R	0.35	R	0.34	R	0.36	R	0.34	R	0.39	R				
8270S	BENZO(A)ANTHRACENE	0.195	U	0.89	0.185	U	1.8	J	0.175	U	0.195	U	0.69	J	0.088	J	0.14	U	0.28	J	0.14	U	0.12	U	0.56	0.125	U	0.12	U	0.12	J	0.13	J	0.12	U	0.12	J
8270S	BENZO(A)PYRENE	0.195	U	0.73	0.185	U	2	J	0.175	U	0.195	U	0.65	J	0.086	J	0.14	U	0.32	J	0.14	U	0.12	U	0.72	J	0.13	J	0.12	U	0.12	J	0.12	J			
8270S	BENZO(B)FLUORANTHENE	0.195	U	0.6	0.185	U	3.2	J	0.175	U	0.195	U	0.9	J	0.12	J	0.14	U	0.4	J	0.14	U	0.12	U	1.3	J	0.2	J	0.026	J	0.15	J					
8270S	BENZO(G,H,I)PERYLENE	0.195	U	0.58	0.185	U	1.8	J	0.175	U	0.195	U	0.36	J	0.045	J	0.2	U	0.22	J	0.205	U	0.175	U	0.38	J	0.08	J	0.17	U	0.195	U					
8270S	BENZO(K)FLUORANTHENE	0.195	U	0.77	0.185	U	4.1	0.175	U	0.195	U	0.33	J	0.051	J	0.14	U	0.14	J	0.14	U	0.12	U	0.4	J	0.079	J	0.17	U	0.065	J						
8270S	BENZYL ALCOHOL	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U				
8270S	BIS(2-CHLOROETHOXYMETHANE	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U				
8270S	BIS(2-CHLOROETHYL)ETHER	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U				
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.195	U	0.185	U	0.7	U	1.85	U	1.1	J	0.195	U	0.18	U	0.175	U	0.2	U	0.12	J	0.205	U	0.175	U	0.2	U	0.18	U	0.087	J	0.195	U				
8270S	BUTAZOLIDIN	1	U	0.9	U	0.95	U	9.5	U	0.9	U	0.95	U	1.8	R	1.8	R	2	R	2.1	R	1.8	R	0.9	U	1.9	R	1.8	R	2	R						
8270S	BUTYLBENZYLPHthalate	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.05	J	0.18	U	0.17	U	0.195	U				
8270S	CHLOROBENZILATE	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
8270S	CHRYSENE	0.195	U	0.91	0.185	U	2.1	J	0.175	U	0.14	J	0.71	J	0.088	J	0.2	U	0.42	J	0.205	U	0.175	U	0.96	0.16	J	0.17	U	0.19	J						
8270S	DCDD	0.39	U	0.37	U	0.375	U	3.75	U	0.35	U	0.385	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U				
8270S	DCDF	0.39	U	0.37	U	0.375	U	3.75	U	0.35	U	0.385	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U				
8270S	DI-N-BUTYLPHthalate	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.185	U	0.18	U	0.17	U	0.195	U				
8270S	DI-N-OCTYLPHthalate	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U				
8270S	DIALLATE	0.195	U	0.185	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U				
8270S	DIBENZ(A,H)ANTHRACENE	0.195	U	0.2	J	0.185	U	1.85	U	0.175	U	0.195	U	0.11	J	0.105	U	0.12	U	0.115	J	0.125	U	0.105	J	0.12	J	0.11	J	0.11	J	0.105	J	0.12	J		
8270S	DIBENZOFURAN	0.195	U	0.14	J	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U				
8270S</td																																					

CIBA-GEIGY
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8270S	PENTACHLOROPHENOL	1	U	0.9	U	0.95	U	9.5	U	0.9	U	0.95	U	0.9	U	1	U	1	U	1.05	U	0.9	U	0.9	U	0.95	U	0.9	U	1	U		
8270S	PHENACETIN	0.195	U	0.165	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U
8270S	PHENANTHRENE	0.12	J	1.6	J	0.013	J	2.1	J	0.175	U	0.081	J	0.61	J	0.13	J	0.2	U	0.4	J	0.205	U	0.175	U	1.1	J	0.18	J	0.17	U	0.17	J
8270S	PHENOL	0.195	U	0.165	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U
8270S	PRONAMIDE	0.195	U	0.165	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U
8270S	PROPAZINE	1	U	0.9	U	0.95	U	9.5	U	0.9	U	0.95	U	0.36	U	0.4	U	0.38	U	0.405	U	0.345	U	0.345	U	0.36	U	0.345	U	0.39	U		
8270S	PYRENE	0.21	J	1.6	J	0.023	J	3.5	J	0.175	U	0.2	J	1.3	J	0.19	J	0.2	U	0.63	J	0.085	J	0.037	J	1.9	J	0.32	J	0.038	J	0.28	J
8270S	PYRIDINE	0.195	U	0.165	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.18	U	0.17	U	0.195	U
8270S	SAFROLE	0.195	U	0.165	U	0.185	U	1.85	U	0.175	U	0.195	U	0.18	U	0.175	U	0.2	U	0.19	U	0.205	U	0.175	U	0.17	U	0.17	U	0.195	U		
8270S	TINUVIN 327	1	U	0.9	U	0.95	U	9.5	U	0.9	U	0.95	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
8270S	TOFRANIL	1	U	0.9	U	0.95	U	9.5	U	0.9	U	0.95	U	1.8	U	1.75	U	2	U	1.9	U	2.05	U	1.75	U	1.7	U	1.8	U	1.7	U	1.95	U
8270S	TRCDD	0.39	U	0.37	U	0.375	U	3.75	U	0.35	U	0.385	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
8270S	TRCDF	0.39	U	0.37	U	0.375	U	3.75	U	0.35	U	0.385	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
8080S	4,4'-DDD	0.0035	0.000185	U	0.000185	U	0.0019	U	0.000175	U	0.0031	0.0018	U	0.00175	U	0.002	U	0.0019	U	0.00205	U	0.00175	U	1.1	U	0.0018	U	0.0017	U	0.00195	U		
ORGANOCHLORINE PESTICIDES/PCBS																																	
8080S	4,4'-DDE	0.012	0.000185	U	0.0013	0.15	0.000175	U	0.025	0.0018	U	0.00175	U	0.002	U	0.0019	U	0.00205	U	0.00175	U	0.81	U	0.0018	U	0.0017	U	0.00195	U				
8080S	4,4'-DDT	0.013	0.008	0.00066	J	0.27	0.00035	U	0.024	0.0018	U	0.00175	U	0.002	U	0.013	J	0.00205	U	0.00175	U	9.3	U	0.0018	U	0.0017	U	0.0065	J				
8080S	ALDRIN	0.0002	U	0.000185	U	0.00078	0.019	U	0.000175	U	0.0009	U	0.0009	U	0.001	U	0.00105	U	0.0009	U	0.0044	U	0.0009	U	0.0009	U	0.001	U					
8080S	ALPHA-CHLORDANE	0.0002	U	0.000185	U	0.00032	J	0.019	U	0.000175	U	0.000195	U	0.0009	U	0.0009	U	0.0032	J	0.00105	U	0.0009	U	0.0044	U	0.0009	U	0.0009	U	0.001	U		
8080S	BETA-BHC	0.0002	U	0.016	0.000185	U	0.0019	U	0.000175	U	0.000195	U	0.0009	U	0.0009	U	0.001	U	0.00105	U	0.0009	U	0.0044	U	0.0009	U	0.0009	U	0.001	U			
8080S	CHLOROBENZILATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
8080S	DELTA-BHC	0.0002	U	0.00092	0.000185	U	0.019	U	0.000175	U	0.000195	U	0.0009	U	0.0009	U	0.001	U	0.00105	U	0.0009	U	0.0085	U	0.0018	U	0.0017	U	0.00195	U			
8080S	DIELDRIN	0.0014	0.000185	U	0.034	0.000175	U	0.000195	U	0.0009	J	0.00175	U	0.002	U	0.0019	U	0.00205	U	0.00175	U	0.0085	U	0.0044	U	0.0009	U	0.001	U				
8080S	ENDOSULFAN I	0.0002	U	0.000185	U	0.000185	U	0.0019	U	0.000175	U	0.0009	U	0.0009	U	0.001	U	0.00105	U	0.0009	U	0.0044	U	0.0009	U	0.0017	U	0.00195	U				
8080S	ENDOSULFAN SULFATE	0.001	U	0.00095	U	0.00095	U	0.0095	U	0.00085	U	0.00095	U	0.0018	U	0.00175	U	0.002	U	0.0019	U	0.00205	U	0.00175	U	0.0085	U	0.0017	U	0.00195	U		
8080S	ENDRIN	0.0002	U	0.000185	U	0.000185	U	0.0019	U	0.000175	U	0.00027	J	0.0018	U	0.00175	U	0.002	U	0.0019	U	0.00205	U	0.00175	U	0.0085	U	0.0017	U	0.00195	U		
8080S	ENDRIN ALDEHYDE	0.000395	U	0.000375	U	0.00058	J	0.0084	0.00035	U	0.001	0.0018	U	0.00175	U	0.002	U	0.0019	U	0.00205	U	0.00175	U	0.0085	U	0.0044	U	0.0009	U	0.001	U		
8080S	GAMMA-BHC	0.0002	U	0.000185	U	0.000185	U	0.0019	U	0.000175	U	0.000195	U</																				

CIBA-GEIGY
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601CS	CHROMIUM	6.2	9.2	30.4	10.8	5.2	11	6.4	3.2	4.4	8.8	3.7	6.3	17.1	4.8	8	8.3				
601CS	COBALT	1.8	5.1	4.2	2.9	2.8	5.1	3.3	J	2.25	U	2.7	U	2.3	U	2.1	J	0.225	U	2.9	U
601CS	COPPER	5.2	10.2	13.5	35.4	4.2	8.8	11.4		4.9	7.4	7	4.8	5.8	32.4	3.7	5.5		6.4		
601CS	IRON	7240	12600	J	13000	J	8040	J	6120	J	13300	J	NA	NA	NA	NA	NA	NA	NA	NA	
7421S	LEAD	23.3	18.4	26.5	142	6	22.1	30.8		4.5	3.9	37.3	13.3	2.9	251	J	12.4	24.4	27		
601CS	MAGNESIUM	683	1870	1710	1250	963	1910			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
601CS	MANGANESE	53.2	J	196	J	137	J	151	J	78.4	J	177	J	NA	NA	NA	NA	NA	NA		
7472S	MERCURY	0.0265	U	0.025	U	0.1	0.025	U	0.0235	U	0.0265	U	0.04	U	0.05	U	0.05	U	0.05	U	
601CS	NICKEL	4.6	9.3	8.2		7	4.8	9.5		5.7	1.8	5.4	2.25	U	1.8	U	5.7	4.6	3.2	J	8.3
601CS	POTASSIUM	404	J	461	J	330	J	462	J	366	J	524	J	NA	NA	NA	NA	NA	NA	NA	
774CS	SELENIUM	0.26	U	0.2	U	0.195	U	0.225	U	0.19	U	0.16	U	0.29	U	0.9	U	1.4	U	0.275	U
601CS	SILVER	0.465	U	0.305	U	0.5	U	0.495	U	0.44	U	0.5	U	0.15	U	0.45	U	0.55	U	0.455	U
601CS	SODIUM	197		126		169		203		150		182		NA	NA	NA	NA	NA	NA	NA	
7841S	THALLIUM	0.26	U	0.2	U	0.195	U	0.23	U	0.19	U	0.16	U	0.035	U	0.365	U	0.55	U	0.005	U
601CS	TIN	NA		NA		NA		NA		NA		NA		NA		NA	52	U	NA	NA	
SNZZS	TIN	4.65	U	3.05	U	5	U	4.95	U	4.4	U	5	U	NA	NA	NA	NA	NA	NA	NA	
601CS	VANADIUM	16.1	J	12.5	J	16.6	J	14.7	J	7.8	J	20.5	J	8.7	J	2.25	U	2.7	U	12.4	6.7
601CS	ZINC	26.8		32.7		25		71.1		16.7		25.9		39.9		14.3		12.7		39.2	
901CS	CYANIDE	0.24	U	0.19	U	0.235	U	0.205	U	0.205	U	0.225	U	1.6	U	1	U	1	U	1.5	U
903CS	SULFIDE	24	U	19	U	23.5	U	20.5	U	20.5	U	22.5	U	NA	NA	NA	NA	NA	NA	NA	

All results in mg/kg.

Phase II data is not final.

RV - Rejected value.

NA - Not analyzed.

Detection limits halved

CIBA-GEIGY
ALL BACKGROUND AND OFFSITE SAMPLES
SUMMARY INFORMATION
REDUCED TABLE

SITE LOCATOR SAMPLE NUMBER COLLECT DATE	II-1 BRF SF-OF-BRF*II-1 7/28/93	II-1 BS SF-OF-BS*II-1 7/28/93	II-1 CGH SF-OF-CGH*II-1 7/29/93	II-1 EHS SF-OF-EHS*II-1 8/4/93	II-1 FF SF-OF-FF*II-1 7/27/93	II-1 HMEH SF-OF-HMEH*II-1 7/29/93	II-1 NAS SF-OF-NAS*II-1 8/4/93	II-1 PAEH SF-OF-PAEH*II-1 7/28/93	II-1 PIP SF-OF-PIP*II-1 8/4/93	II-1 PVJHS SF-OF-PVJHS*II-1 7/28/93	II-1 RCR SF-OF-RCR*II-1 7/28/93	II-1 RRW SF-OF-RRW*II-1 7/27/93	II-1 RWP SF-OF-RWP*II-1 7/27/93	II-1 SBP SF-OF-SBP*II-1 7/27/93	II-1 SNH SF-OF-SNH*II-1 8/4/93	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOLATILE ORGANICS																
S24DS 1,4-DIONANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S24OS 2-BUTANONE	0.013	U	0.013	U	0.0135	U	0.013	U	0.0165	U	0.013	U	0.013	U	0.013	U
S24OS ACETONE	0.013	U	0.013	U	0.0135	U	0.013	U	0.14	J	0.013	U	0.0135	U	0.013	U
S24OS ACROLEIN	0.1	U	0.105	U	0.11	U	0.105	U	0.13	U	0.105	U	0.11	U	0.105	U
S24OS BENZENE	0.00255	U	0.0026	U	0.00275	U	0.0026	U	0.0033	U	0.00265	U	0.0026	U	0.00265	U
S24OS CHLOROFORM	0.00255	-	U	0.0026	U	0.00275	U	0.0026	U	0.0033	U	0.00265	U	0.0026	U	
S24OS ISOBUTANOL	1	R	1	R	1.1	R	1	R	1.3	R	1	R	1.1	R	1	R
S24OS M&PXYLENE	0.00255	U	0.0026	U	0.00275	U	0.0026	U	0.0033	U	0.00265	U	0.0026	U	0.00275	U
S24OS METHYLENE CHLORIDE	0.017		0.0026	U	0.00275	U	0.0026	U	0.012	J	0.00265	U	0.0027	U	0.00275	U
S24OS PENTACHLOROETHANE	0.026	R	0.026	R	0.0135	U	0.013	U	0.0165	U	0.026	R	0.0135	U	0.013	U
S24OS TETRACHLOROETHENE	0.00255	U	0.0026	U	0.0077		0.0026	U	0.0033	U	0.00265	U	0.0027	U	0.00275	U
S24OS TOLUENE	0.00255	U	0.0026	U	0.00275	U	0.0026	U	0.0033	U	0.00265	U	0.0027	U	0.00275	U
SEMI-VOLATILE ORGANICS																
S27OS 1,2,4,5-TETRACHLOROBENZENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.17	U
S27OS 1,2,4-TRICHLOROBENZENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.17	U
S27OS 1,2-DICHLOROBENZENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 1,3-DICHLOROBENZENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 1,3-DINITROBENZENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 1,4-DICHLOROBENZENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 1,4-NAPHTHOQUINONE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 1-NAPHTHYLAMINE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2,2'-OXYBIS(1-CHLOROPROPANE)	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2,3,4,6-TETRACHLOROPHENOL	0.85	U	0.9	U	0.95	U	0.9	U	1.1	U	0.9	U	0.95	U	0.9	U
S27OS 2,4,5-TRICHLOROPHENOL	0.85	U	0.9	U	0.95	U	0.9	U	1.1	U	0.9	U	0.95	U	0.9	U
S27OS 2,4,6-TRICHLOROPHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2,4-DICHLOROPHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2,4-DIMETHYLPHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2,4-DINITROPHENOL	0.85	U	1.8	R	0.95	U	1.8	R	1.1	U	0.9	U	1.8	R	1.9	R
S27OS 2,4-DINITROTOLUENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.17	U
S27OS 2,6-DICHLOROPHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2,6-DINITROTOLUENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-ACETYLAMINOFLUORENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-CHLORONAPHTHALENE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-CHLOROPHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-METHYLNAPHTHALENE	0.031	J	0.054	J	0.18	J	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-METHYLPHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-NAPHTHYLAMINE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-NITROANILINE	0.85	U	0.9	U	0.95	U	0.9	U	1.1	U	0.9	U	0.95	U	0.9	U
S27OS 2-NITROPHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 2-PICOLINE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 3&4-METHYLPHENOL	0.17	U	0.17	U	0.049	J	0.17	U	0.215	U	0.175	U	0.17	U	0.175	U
S27OS 3,3'-DICHLOROBENZIDINE	0.335	U	0.34	U	0.36	U	0.34	U	0.435	U	0.3					

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8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.1	U	0.105	U	0.11	U	0.105	U	0.13	U	0.105	U	0.105	U	0.11	U	0.105	U	0.105	U	0.105	U	0.105	U	0.12	U						
8270S	ACENAPHTHENE	0.074	J	0.26	J	0.33	J	0.17	U	0.215	U	0.175	U	0.11	J	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.25	J				
8270S	ACENAPHTHYLENE	0.062	J	0.32	J	1.4	J	0.17	U	0.215	U	0.175	U	0.056	J	0.063	J	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.049	J				
8270S	ACETOPHENONE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	ANILINE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.43					
8270S	ANTHRACENE	0.12	J	0.26	J	3.3	J	0.029	J	0.215	U	0.175	U	0.3	J	0.14	J	0.18	U	0.17	U	0.17	U	0.041	J	0.17	U	0.175	U	0.35	R		
8270S	ARAMITE	0.34	R	0.34	R	0.36	R	0.34	R	0.43	R	0.35	R	0.34	R	0.36	R	0.36	R	0.34	R	0.34	R	0.34	R	0.35	R	0.39	R				
8270S	BENZO(A)ANTHRACENE	0.49		1.1		9.3	J	0.12	U	0.15	U	0.12	U	0.91		0.6		0.125	U	0.12	U	0.22											
8270S	BENZO(A)PYRENE	0.55	J	1.2		7.8	J	0.11	J	0.15	U	0.061	J	0.86		0.55		0.125	U	0.061	J	0.12	U	0.12	U	0.12	U	0.12	U	3.3			
8270S	BENZO(B)FLUORANTHENE	0.94	J	1.7		9.5	J	0.17	J	0.033	J	0.12	U	1.2		0.83		0.027	J	0.076	J	0.045	J	0.48		0.12	U	0.12	U	0.175	U	1.1	
8270S	BENZO(G,H,I)PERYLENE	0.34	J	0.84		3.7	J	0.065	J	0.215	U	0.175	U	0.45		0.31		0.18	U	0.17	U	0.17	U	0.14	J	0.17	U	0.175	U	0.12	U	1.2	
8270S	BENZO(K)FLUORANTHENE	0.36	J	0.66		2.6	J	0.053	J	0.15	U	0.047	J	0.5		0.31		0.125	U	0.12	U	0.12	U	0.19	J	0.12	U	0.12	U	0.175	U	0.195	U
8270S	BENZYL ALCOHOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	BIS(2-CHLOROETHOXY)METHANE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	BIS(2-CHLOROETHYL)ETHER	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	11		0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	2	R				
8270S	BUTAZOLIDIN	1.7	R	1.8	R	1.9	R	1.8	R	2.2	R	1.8	R	1.8	R	1.9	R	1.9	R	1.8	R	0.9	U										
8270S	BUTYLBENZYLPHthalate	0.069	J	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.042	J	0.18	U	0.18	U	0.17	U	0.05	J	0.17	U	0.17	U	0.175	U	0.049	J		
8270S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	0.71		1.1		8.1	J	0.13	J	0.215	U	0.076	J	0.93		0.69		0.18	U	0.07	J	0.039	J	0.36		0.17	U	0.175	U	2.4			
8270S	DCDD	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U		
8270S	DCDF	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U		
8270S	DIN-BUTYLPHthalate	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	DIN-OCTYLPHthalate	2.1	J	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	DIALATE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	DIBENZ(A,H)ANTHRACENE	0.076	J	0.105	U	0.89	J	0.105	U	0.13	U	0.105	U	0.14	J	0.094	J	0.11	U	0.105	U	0.105	U	0.061	J	0.105	U	0.105	U	0.35			
8270S	DIBENZOFURAN	0.064	J	0.069	J	0.88	J	0.17	U	0.215	U	0.175	U	0.062	J	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	DIETHYLPHthalate	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	DIMETHYLPHENETHYLAMINE	0.85	U	0.9	U	0.95	U	0.9	U	1.1	U	0.9	U	0.9	U	0.95	U	0.95	U	0.9	U	1	U										
8270S	DIMETHYLPHthalate	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
8270S	DINOSEB	0.17	U	0.34	R	0.18	U	0.34	R	0.215	U	0.175	U	0.34	R	0.36	R																

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S270S	PENTACHLOROPHENOL	0.85	U	0.9	U	0.95	U	0.9	U	1.1	U	0.9	U	0.95	U	0.95	U	0.9	U	0.9	U	0.9	U	I	U						
S270S	PHENACETIN	0.17	U	0.17	U	0.18	U	0.17	J	0.215	U	0.175	U	0.17	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U				
S270S	PHENANTHRENE	1.3		0.88		19	J	0.17	J	0.215	U	0.075	J	1.4		0.87		0.18	U	0.09	J	0.044	J	0.21	J	0.17	U	2.6			
S270S	PHENOL	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.09	J	0.044	J	0.21	J	0.17	U	0.175	U	0.195	U
S270S	PRONAMIDE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U		
S270S	PROPAZINE	0.335	U	0.34	U	0.36	U	0.34	U	0.435	U	0.345	U	0.345	U	0.36	U	0.36	U	0.345	U	0.34	U	0.345	U	0.345	U	0.39	U		
S270S	PYRENE	2		1.8		21		0.26	J	0.215	U	0.14	J	1.9		1.2		0.039	J	0.12	J	0.064	J	0.6		0.17	U	0.175	U	4.3	
S270S	PYRIDINE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U		
S270S	SAFROLE	0.17	U	0.17	U	0.18	U	0.17	U	0.215	U	0.175	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.175	U	0.195	U		
S270S	TINUVIN 327	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
S270S	TOFRANIL	1.7	U	1.7	U	1.8	U	1.7	U	2.15	U	1.75	U	1.7	U	1.8	U	1.8	U	1.7	U	1.7	U	1.7	U	1.7	U	1.75	U	1.95	U
S270S	TRCDD	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U		
S270S	TRCDF	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U		
S08CS	4,4'DDD	0.0017	U	0.0017	U	0.0018	U	0.017	U	0.00215	U	0.023		0.0017	U	0.0018	U	0.0018	U	0.0017	U	0.043		0.0017	U	0.0017	U	0.00175	U	0.0017	U
ORGANOCHLORINE PESTICIDES/PCBS																															
S08CS	4,4'DDE	0.15		0.01	J	0.0041	J	0.34		0.00215	U	0.14	J	0.042	J	0.014		0.0018	U	0.0017	U	0.1		0.0017	U	0.0017	U	0.00175	U	0.024	J
S08CS	4,4'DDT	0.11		0.14		0.012	J	0.66		0.00215	U	0.18		0.012		0.037	J	0.0018	U	0.0086		0.31		0.0017	U	0.0017	U	0.00175	U	0.046	
S08CS	ALDRIN	0.00085	U	0.0009	U	0.00095	U	0.009	U	0.0011	U	0.0009	U	0.0009	U	0.00095	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U		
S08CS	ALPHA-CHLORDANE	0.00085	U	0.0075	J	0.0095	U	0.009	U	0.0011	U	0.0009	U	0.0009	U	0.0009	U	0.00095	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U		
S08CS	BETA-BHC	0.00085	U	0.0009	U	0.00095	U	0.009	U	0.011	U	0.009	U	0.043		0.079	J	0.0095	U	0.009	U	0.009	U	0.009	U	0.009	U	0.034	J		
S08CS	CHLOROBENZILATE	0.029		0.04		0.0095	U	0.09	U	0.011	U	0.009	U	0.0009	U	0.0009	U	0.00095	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U		
S08CS	DELTA-BHC	0.00085	U	0.0009	U	0.00095	U	0.009	U	0.0011	U	0.0009	U	0.0009	U	0.0009	U	0.00095	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U		
S08CS	DIELDRIN	0.0017	U	0.0045	J	0.0018	U	0.017	U	0.00215	U	0.0175	U	0.0017	U	0.0018	U	0.0018	U	0.0017	U	0.0017	U	0.0017	U	0.00175	U	0.0017	U		
S08CS	ENDOSULFAN I	0.00085	U	0.0078	J	0.0095	U	0.009	U	0.0011	U	0.0009	U	0.0009	U	0.0009	U	0.00095	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U		
S08CS	ENDOSULFAN SULFATE	0.0017	U	0.0017	U	0.0018	U	0.017	U	0.00215	U	0.00175	U	0.0058	J	0.0016	U	0.0018	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U		
S08CS	ENDRIN	0.0017	U	0.0017	U	0.0018	U	0.017	U	0.00215	U	0.00175	U	0.0017	U	0.0018	U	0.0018	U	0.0017	U	0.0017	U	0.0017	U	0.00175	U	0.0017	U		
S08CS	ENDRIN ALDEHYDE	0.0017	U	0.0017	U	0.0018	U	0.017	U	0.00215	U	0.00175	U	0.0017	U	0.0018	U	0.0018	U	0.0017	U	0.0017	U	0.0017	U	0.00175	U	0.0017	U		
S08CS	GAMMA-BHC	0.00085	U	0.0009	U	0.00095	U	0.009	U																						

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6010S	CHROMIUM	5.2	5.8	8.4	9.4	12.8	7.3	8.7	13.4	5.9	6.3	10.4	2	6.4	11	7.4			
6010S	COBALT	3.3	J	1.9	J	2.8	J	2.25	U	3	J	1.7	J	2.3	U	4	2.3	U	
6010S	COPPER	13.1		18.7		20.5		9.6		9.2		7.6		11		27.5		2.3	U
6010S	IRON	NA		NA		NA		NA		NA		NA		NA		NA		NA	
7421S	LEAD	58.3		230		122	J	97		25.5	J	35.8	J	153		59		11.8	
6010S	MAGNESIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010S	MANGANESE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
7472S	MERCURY	0.04	U	0.045	U	0.16		0.1		0.06	U	0.045	U	0.05	U	0.26		0.05	U
6010S	NICKEL	5.5		5.4		4.9		6.4		3.9	J	3.4	J	4.9		5.5		4.4	
6010S	POTASSIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA	
7740S	SELENIUM	0.3	U	0.315	U	0.27	U	0.25	U	0.135	U	0.095	U	0.245	U	0.66	R	0.26	U
6010S	SILVER	0.135	U	0.145	U	0.42	J	0.445	U	0.185	U	0.145	U	0.46	U	0.5	J	0.46	U
6010S	SODIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA	
7841S	THALLIUM	0.035	U	0.035	U	0.055	U	0.495	U	0.065	U	0.2	J	0.495	U	0.035	U	0.5	U
6010S	TIN	NA		NA		NA		NA		50	U	2.3		NA		NA		NA	
SNZZS	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010S	VANADIUM	7.2	J	17.8	J	15.4	J	12.6		12.9		9.2	J	11.7		9.3	J	10.6	
6010S	ZINC	62.4		222		51.3		53.4		29.2		23.1		78.3		76.9		17.4	
9010S	CYANIDE	1.35	U	1.4	U	1.1	U	1	U	1.5	U	1.35	U	3		1.5	U	3	
9030S	SULFIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in mg/kg.

Phase II data is not final.

RV - Rejected value.

NA - Not analyzed.

Detection limits halved

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SITE LOCATOR		Sample Size	Mean Concentration	Standard Deviation	95th UCL of the Mean Concentration	R	95th UTL of the 95th Percentile
SAMPLE NUMBER							
COLLECT DATE							
VOLATILE ORGANICS							
8240S	1,4-DIOXANE	22	5.90909	0.39750	6.07519	2.350	6.84322
8240S	2-BUTANONE	47	0.07788	0.07648	0.09975	2.081	0.23704
8240S	ACETONE	47	0.06455	0.05301	0.07971	2.081	0.17488
8240S	ACROLEIN	25	0.10960	0.00735	0.11248	2.292	0.12644
8240S	BENZENE	47	0.02777	0.02757	0.03565	2.081	0.08514
8240S	CHLOROFORM	47	0.02839	0.02780	0.03634	2.081	0.08625
8240S	ISOBUTANOL	25	1.07200	0.08907	1.10691	2.292	1.27615
8240S	M&P.XYLENE	47	0.02924	0.02819	0.03729	2.081	0.08790
8240S	METHYLENE CHLORIDE	47	0.21822	0.45759	0.34904	2.081	1.17046
8240S	PENTACHLOROETHANE	25	0.01626	0.00526	0.01832	2.292	0.02831
8240S	TETRACHLOROETHENE	47	0.02944	0.02802	0.03745	2.081	0.08774
8240S	TOLUENE	47	0.07878	0.19595	0.13480	2.081	0.48656
SEMI-VOLATILE ORGANICS							
8270S	1,2,4,5-TETRACHLOROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	1,2,4-TRICHLOROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	1,2-DICHLOROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	1,3-DICHLOROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	1,3-DINITROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	1,4-DICHLOROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	1,4-NAPHTHOQUINONE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	1-NAPHTHYLAMINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2,3,4,6-TETRACHLOROPHENOL	46	0.81989	0.52298	0.97102	2.087	1.91136
8270S	2,4,5-TRICHLOROPHENOL	46	0.66283	0.39308	0.77642	2.087	1.48318
8270S	2,4,6-TRICHLOROPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2,4-DICHLOROPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2,4-DIMETHYLPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2,4-DINITROPHENOL	46	1.50978	1.33764	1.89634	2.087	4.30145
8270S	2,4-DINITROTOLUENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2,6-DICHLOROPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2,6-DINITROTOLUENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2-ACETYLAMINOFLUORENE	46	0.87609	1.49192	1.30722	2.087	3.98973
8270S	2-CHLORONAPHTHALENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2-CHLOROPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2-METHYLNAPHTHALENE	47	0.32209	0.67834	0.51602	2.081	1.73372
8270S	2-METHYLPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2-NAPHTHYLAMINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2-NITROANILINE	46	1.28696	1.33710	1.67335	2.087	4.07748
8270S	2-NITROPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	2-PICOLINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	3,6,4-METHYLPHENOL	25	0.17476	0.02914	0.18618	2.292	0.24154
8270S	3,3'-DICHLOROBENZIDINE	46	0.50707	0.53084	0.66047	2.087	1.61493
8270S	3,3'-DIMETHYLBENZIDINE	46	0.37315	0.58073	0.54097	2.087	1.58513
8270S	3-METHYLCHOLANTHRENE	46	0.21380	0.27396	0.29297	2.087	0.78557
8270S	3-METHYLPHENOL	21	0.33762	0.37308	0.49719	2.371	1.22219
8270S	3-NITROANILINE	46	1.28696	1.33710	1.67335	2.087	4.07748
8270S	4,6-DINITRO-2-METHYLPHENOL	46	1.28696	1.33710	1.67335	2.087	4.07748
8270S	4-AMINOBIPHENYL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	4-BROMOPHENYLPHENYLETHER	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	4-CHLORO-3-METHYLPHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	4-CHLOROANILINE	46	0.35000	0.24967	0.42215	2.087	0.87106
8270S	4-CHLOROPHENYLPHENYLETHER	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	4-METHYLPHENOL	21	0.33762	0.37308	0.49719	2.371	1.22219
8270S	4-NITROANILINE	46	1.28696	1.33710	1.67335	2.087	4.07748
8270S	4-NITROPHENOL	46	1.28696	1.33710	1.67335	2.087	4.07748
8270S	4-NITROQUINOLINE-N-OXIDE	25	3.17200	0.83280	3.49845	2.292	5.08078
8270S	5-NITRO-O-TOLUIDINE	46	0.25196	0.26125	0.32745	2.087	0.79718

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8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	46	0.83913	1.50983	1.27544	2.087	3.99015
8270S	ACENAPHTHENE	47	0.35098	0.79959	0.57957	2.081	2.01493
8270S	ACENAPHTHYLENE	47	0.25504	0.32218	0.34715	2.081	0.92550
8270S	ACETOPHENONE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	ANILINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	ANTHRACENE	47	0.76136	2.96146	1.60802	2.081	6.92420
8270S	ARAMITE	46	1.73696	2.91442	2.57917	2.087	7.81935
8270S	BENZO(A)ANTHRACENE	47	1.27974	4.29679	2.50815	2.081	10.22136
8270S	BENZO(A)PYRENE	47	1.13160	3.38696	2.09989	2.081	8.17986
8270S	BENZO(B)FLUORANTHENE	47	1.69460	5.43526	3.24848	2.081	13.00537
8270S	BENZO(G,H,I)PERYLENE	47	0.72304	1.84295	1.24992	2.081	4.55822
8270S	BENZO(K)FLUORANTHENE	47	1.61466	6.32785	3.42373	2.081	14.78291
8270S	BENZYL ALCOHOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	BIS(2-CHLOROETHOXY)METHANE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	BIS(2-CHLOROETHYL)ETHER	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	46	0.52896	1.61115	0.99455	2.087	3.89144
8270S	BUTAZOLIDIN	46	1.75652	1.29793	2.13160	2.087	4.46530
8270S	BUTYLBENZYLPHthalate	46	0.23859	0.26805	0.31605	2.087	0.79800
8270S	CHLOROBENZILATE	21	0.33762	0.37308	0.49719	2.371	1.22219
8270S	CHRYSENE	47	1.40217	4.50987	2.69150	2.081	10.78721
8270S	DCDD	46	0.31120	0.61084	0.48772	2.087	1.58601
8270S	DCDF	46	0.31120	0.61084	0.48772	2.087	1.58601
8270S	DI-N-BUTYLPHthalate	46	0.25228	0.26115	0.32775	2.087	0.79730
8270S	DI-N-OCTYLPHthalate	46	0.29391	0.37709	0.40288	2.087	1.08090
8270S	DIALLATE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	DIBENZ(A,H)ANTHRACENE	47	0.31411	0.59103	0.48308	2.081	1.54407
8270S	DIBENZOFURAN	47	0.45889	1.41677	0.86393	2.081	3.40718
8270S	DIETHYLPHthalate	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	DIMETHYLPHENETHYLAMINE	46	0.66283	0.39308	0.77642	2.087	1.48318
8270S	DIMETHYLPHthalate	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	DINOSEB	25	0.23680	0.08409	0.26976	2.292	0.42953
8270S	DIPHENYLAMINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	ETHYL METHANESULFONATE	46	0.16304	0.29670	0.24878	2.087	0.78226
8270S	FLUORANTHENE	47	2.32253	8.43639	4.73441	2.081	19.87865
8270S	FLUORENE	47	0.46209	1.37810	0.85607	2.081	3.32991
8270S	HEXAChLOROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	HEXAChLOROBUTADIENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	HEXAChLOROCYCLOPENTADIENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	HEXAChLOROETHANE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	HEXAChLOROPHENE	17	58.61765	81.55338	97.38489	2.486	261.35935
8270S	HEXAChLOROPROPENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	INDENO(1,2,3-CD)PYRENE	47	0.77698	2.15687	1.39360	2.081	5.26542
8270S	IRGASAN DP300	46	0.87609	1.49192	1.30722	2.087	3.98973
8270S	ISOPHORONE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	ISOSAFROLE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	METHAPYRILENE	46	1.12478	0.77544	1.34887	2.087	2.74312
8270S	METHYL METHANESULFONATE	46	0.16304	0.29670	0.24878	2.087	0.78226
8270S	N-NITROSO-DI-N-BUTYLAMINE	46	0.24315	0.26379	0.31938	2.087	0.79369
8270S	N-NITROSO-DI-N-PROPYLAMINE	46	0.21380	0.27396	0.29297	2.087	0.78557
8270S	N-NITROSODIETHYLAMINE	46	0.15801	0.29927	0.24449	2.087	0.78258
8270S	N-NITROSODIMETHYLAMINE	46	0.16866	0.29390	0.25359	2.087	0.78203
8270S	N-NITROSODIPHENYLAMINE	21	0.33762	0.37308	0.49719	2.371	1.22219
8270S	N-NITROSOMORPHOLINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	N-NITROSPERIDINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	N-NITROSPYRROLIDINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	NAPHTHALENE	47	0.37228	1.06990	0.67815	2.081	2.59875
8270S	NITROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	O-TOLUIDINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	P-DIMETHYLAMINOAZOBENZENE	46	0.16304	0.29670	0.24878	2.087	0.78226
8270S	P-PHENYLENEDIAMINE	46	1.39348	1.49910	1.82669	2.087	4.52209
8270S	PENTACHLOROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	PENTACHLOROETHANE	21	0.33762	0.37308	0.49719	2.371	1.22219
8270S	PENTACHLORONITROBENZENE	46	0.25196	0.26125	0.32745	2.087	0.79718

All results in mg/kg.

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8270S	PENTACHLOROPHENOL	46	1.28696	1.33710	1.67335	2.087	4.07748
8270S	PHENACETIN	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	PHENANTHRENE	47	2.64477	10.39699	5.61716	2.081	24.28090
8270S	PHENOL	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	PRONAMIDE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	PROPAZINE	46	0.97413	1.44735	1.39239	2.087	3.99475
8270S	PYRENE	47	2.63549	8.67959	5.11689	2.081	20.69772
8270S	PYRIDINE	46	0.25196	0.26125	0.32745	2.087	0.79718
8270S	SAFROLE	46	0.24896	0.26288	0.32492	2.087	0.79758
8270S	TINUVIN 327	21	1.70476	1.91865	2.52537	2.371	6.25389
8270S	TOFRANIL	46	1.75652	1.28338	2.12739	2.087	4.43494
8270S	TRCDD	46	0.31120	0.61084	0.48772	2.087	1.58601
8270S	TRCDF	46	0.31120	0.61084	0.48772	2.087	1.58601
8080S	4,4'DDD	47	0.02652	0.16015	0.07231	2.081	0.35979
ORGANOCHLORINE PESTICIDES/PCBS							
8080S	4,4'DDE	47	0.06602	0.16113	0.11209	2.081	0.40134
8080S	4,4'DDT	47	0.26138	1.35797	0.64961	2.081	3.08731
8080S	ALDRIN	47	0.00116	0.00185	0.00169	2.081	0.00501
8080S	ALPHA-CHLORDANE	47	0.00141	0.00218	0.00203	2.081	0.00595
8080S	BETA-BHC	47	0.00825	0.03861	0.01929	2.081	0.08861
8080S	CHLOROBENZILATE	25	0.02114	0.02250	0.02996	2.292	0.07272
8080S	DELTA-BHC	47	0.00113	0.00185	0.00166	2.081	0.00499
8080S	DIELDRIN	47	0.00290	0.00554	0.00448	2.081	0.01443
8080S	ENDOSULFAN 1	47	0.00132	0.00210	0.00192	2.081	0.00569
8080S	ENDOSULFAN SULFATE	47	0.00347	0.00729	0.00556	2.081	0.01865
8080S	ENDRIN	47	0.00180	0.00288	0.00262	2.081	0.00779
8080S	ENDRIN ALDEHYDE	47	0.00240	0.00375	0.00347	2.081	0.01020
8080S	GAMMA-BHC	47	0.00112	0.00185	0.00165	2.081	0.00498
8080S	GAMMA-CHLORDANE	47	0.00138	0.00224	0.00202	2.081	0.00604
8080S	HEPTACHLOR	47	0.00112	0.00185	0.00165	2.081	0.00498
8080S	HEPTACHLOR EPOXIDE	47	0.00172	0.00296	0.00256	2.081	0.00787
8080S	ISODRIN	47	0.00187	0.00287	0.00269	2.081	0.00784
8080S	KEPONE	47	0.01637	0.03224	0.02558	2.081	0.08345
8080S	METHOXYCHLOR	47	0.02776	0.12061	0.06224	2.081	0.27875
8080S	PCB-1254	47	0.02513	0.04173	0.03706	2.081	0.11197
ORGANOPHOSPHOROUS PESTICIDES							
814ZS	DIMETHOATE	47	0.11164	0.08585	0.13618	2.081	0.29030
814ZS	DISULFOTON	47	0.05031	0.02894	0.05858	2.081	0.11052
814ZS	ETHYL PARATHION	47	0.01745	0.00652	0.01931	2.081	0.03102
814ZS	FAMPUR	47	0.13011	0.07103	0.15041	2.081	0.27792
814ZS	METHYL PARATHION	47	0.00661	0.00358	0.00763	2.081	0.01406
814ZS	PHORATE	47	0.01915	0.00785	0.02139	2.081	0.03548
814ZS	SULFOTEPP	47	0.01129	0.00535	0.01282	2.081	0.02242
814ZS	THIONAZIN	47	0.07133	0.07491	0.09274	2.081	0.22721
DIOXINS/ARANS							
SOWZS	1,2,3,4,6,7,8-HPCDD	25	0.00004	0.00002	0.00005	2.292	0.00010
SOWZS	1,2,3,4,6,7,8-HPCDF	25	0.00004	0.00002	0.00005	2.292	0.00010
SOWZS	HPCDD	25	0.00005	0.00004	0.00006	2.292	0.00013
SOWZS	HPCDF	25	0.00004	0.00003	0.00006	2.292	0.00011
SOWZS	OCDD	25	0.00041	0.00036	0.00055	2.292	0.00124
SOWZS	OCDF	25	0.00008	0.00004	0.00010	2.292	0.00018
HERBICIDES							
815ZS	2,4,5-T	47	0.00731	0.00295	0.00816	2.081	0.01345
815ZS	2,4,5-TP (SILVEX)	47	0.00699	0.00303	0.00785	2.081	0.01329
815ZS	2,4-D	47	0.01920	0.01614	0.02381	2.081	0.05278
815ZS	DINOSEB	22	0.00388	0.00212	0.00477	2.350	0.00887
INORGANICS							
7041S	ANTIMONY	2	0.28750	0.06718	0.38060	26.260	2.05152
7060S	ARSENIC	47	9.12245	9.28340	11.77647	2.081	28.44120
6010S	BARIUM	47	29.15426	39.71764	40.50912	2.081	111.80666
6010S	BERYLLIUM	47	0.41468	0.23656	0.48231	2.081	0.90696
6010S	CADMUM	25	0.25600	0.12937	0.30671	2.292	0.55251
6010S	CALCIUM	22	889.63636	412.11008	1061.84279	2.350	1858.09505

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6010S	CHROMIUM	47	9.25319	4.83461	10.63536	2.081	19.31401
6010S	COBALT	47	3.08032	1.29669	3.45103	2.081	5.77874
6010S	COPPER	47	12.27021	8.29439	14.64149	2.081	29.53084
6010S	IRON	22	11443.63636	4622.87330	13375.37381	2.350	22307.38863
7421S	LEAD	47	77.08723	110.72900	108.74351	2.081	307.51428
6010S	MAGNESIUM	22	1334.50000	477.54130	1534.04785	2.350	2456.72205
6010S	MANGANESE	22	160.26364	93.91772	199.50858	2.350	380.97028
7472S	MERCURY	47	0.09257	0.14181	0.13312	2.081	0.38768
6010S	NICKEL	47	5.80000	2.74333	6.58429	2.081	11.50887
6010S	POTASSIUM	22	430.50000	128.66892	484.26625	2.350	732.87196
7740S	SELENIUM	47	0.35596	0.29284	0.43968	2.081	0.96536
6010S	SILVER	47	0.42106	0.12024	0.45544	2.081	0.67129
6010S	SODIUM	22	160.77273	64.47567	187.71486	2.350	312.29056
7841S	THALLIUM	47	0.26883	0.16142	0.31498	2.081	0.60475
6010S	TIN	3	34.76667	28.13474	66.60348	7.656	250.16620
SNZZS	TIN	22	13.50455	27.93911	25.17932	2.350	79.16145
6010S	VANADIUM	47	13.34362	6.14195	15.09954	2.081	26.12501
6010S	ZINC	47	47.17660	44.64234	59.93938	2.081	140.07730
9010S	CYANIDE	43	0.96733	0.81705	1.21154	2.106	2.68804
9030S	SULFIDE	22	46.06818	126.13252	98.77456	2.350	342.47960

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